Fig. 1

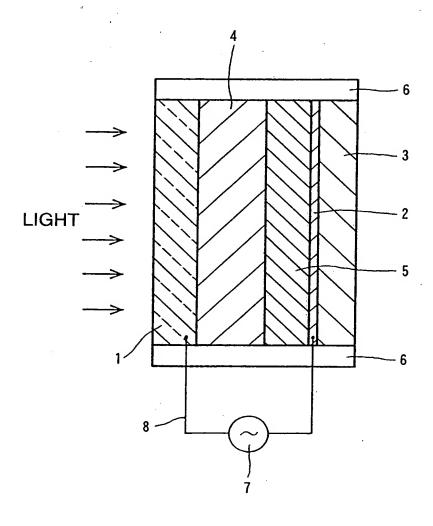


Fig. 2



## TITANIA NANOTUBE

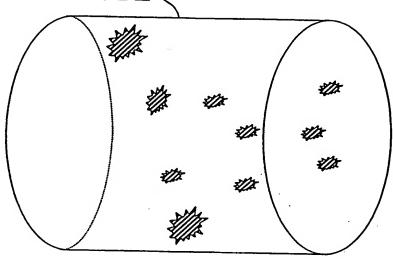
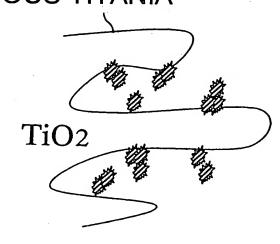


Fig. 3

## **POROUS TITANIA**



## DESCRIPTION OF REFERENCE NUMERALS

1	TRANSPARENT CONDUCTIVE SUBSTRATE
2	CONDUCTIVE FILM
3	SUBSTRATE
4	SEMICONDUCTOR LAYER MADE OF TITANIA NANOTUBES
5	ELECTROLYTE LAYER
6	CASE
7	AMMETER
8	CURRENT CIRCUIT